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**BRAKE WITH CALIBRATION AND DIAGNOSTICS AND METHOD AND  
PROGRAM PRODUCT RELATED THERETO****ABSTRACT OF THE DISCLOSURE**

A method and program product are associated with a brake mechanism. The brake mechanism includes a brake operable to restrict movement of a vehicle and an actuator coupled to the brake. The actuator is operable to selectively apply and release the brake. The mechanism further includes a controller coupled to the actuator. A method, implemented in the controller and program code, initializes the brake mechanism and calibrates and/or performs diagnostics on the brake mechanism.